

# **ABSTRACT**

An application specific integrated circuit chip includes capacitors and antennas. The antennas receive energy from an outside source, and charge capacitors on the chip in order to provide power to the chip itself. The chip in turn communicates by antenna to outside receivers for the purposes of identification of the chip and hence a bag or article to which it is attached. The chip is attached to its article by means of glue which is in turn applied by an applicator which shoots the chip and the glue against the article.